

**APPENDIX O (Scenario 4a)**  
**Bayou Lafourche TMDL (sum of CBODu and NBODu)**  
**TMDL Calculations**  
**Summer and Winter Critical Conditions**

<b>Subsegment 020401</b>	<b>Summer (May-Nov)</b>	<b>% of TMDL for summer conditions</b>	<b>Winter (Nov-April)</b>	<b>% of TMDL for winter conditions</b>
Current Point Source Loadings at Critical Conditions (lbs/d)	1,176		872	
Current Nonpoint Source Loadings at Critical Conditions (lbs/d)	6,730		6,730	
Maximum Point Source Loadings at Critical Conditions (lbs/d)	1,176		872	
Maximum Nonpoint Source Loadings at Critical Conditions (lbs/d)	1,840		1,786	
Point Source WLA (lbs/d)	1,176	39	872	33
Nonpoint Source LA (lbs/d)	1,538	51	1,520	57
MOS (lbs/d)	302	10	266	10
Assimilative Capacity (lbs/d)	3,015	100	2,658	100
Reserve Capacity (lbs/d)	(5,192)		(5,210)	
TMDL (lbs/d)	3,015		2,658	
TMDL (g/d)	1,368		1,206	
% Reduction in Nonpoint Source Loadings Required:	NA		NA	
% Reduction in Point Source Loadings Required:	NA		NA	

Note: TMDL also noted as "assimilative capacity."